

**Rotary valve.**

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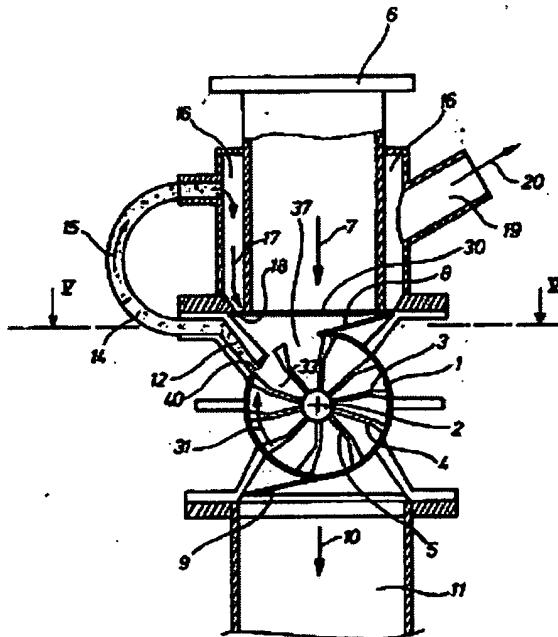
- JP5077935 (A)
- DE4110036 (A1)
- EP0505707 (B1)

**Cited documents:**

- DE1481471
- DE1263596
- DE131174
- DE2419841
- DE2638778

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A cellular wheel sluice for pourable bulk material in pneumatic conveyor pipes is described, a casing being arranged with an inlet, outlet and cellular wheel, and a removal system for leakage air being provided in addition. The leakage air and splashed particles are removed at the upwardly turning part of the cellular wheel via venting channels and are fed to the inlet aperture via a tubular section and a toroidal chamber. The cellular wheel itself has thickened areas in the middle, so that better venting of the cellular wheel chamber can be achieved.

**FIG 1**

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